

MINISTRY OF THE INTERIOR, EGYPT.

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Department of Public Health.

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**ELEVENTH**  
**ANNUAL REPORT OF THE**  
**OPHTHALMIC SECTION, 1923.**

**Government Press, Cairo, 1927.**

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# ELEVENTH ANNUAL REPORT OF THE OPHTHALMIC SECTION 1923.

During 1923, there were 156,837 new patients treated at the Ophthalmic Hospitals, 82,466 operations performed and 1,664,791 attendances of out-patients recorded. These figures if compared with those of the previous year, will show an increase of more than 17 per cent in the new patients, 8 per cent in the operations and 10 per cent in the attendances of out-patients. This proves the increasing popularity of the ophthalmic hospitals amongst the people, and that they appreciate the importance and benefits of treatment in these hospitals.

Until the beginning of 1923, there were 21 hospitals. Of these, 5 were travelling (three of them are big ones belonging to the Government and two small attached to the Provincial Councils of Asyût and Daqahlyâ) and 16 specially built permanent hospitals. During 1923 Qena hospital was completed and opened for treatment as well as an ophthalmic clinic established at Damietta, thus the number of ophthalmic hospitals reached 23.

If the great needs of the country for treatment from the various eye diseases are taken into consideration, this small number of hospitals is quite insufficient to deal with the wretched condition from which a large proportion of the inhabitants of Egypt of all ages suffer by being affected by these various forms of eye diseases, especially trachoma which affects more than 95 per cent of the population and the acute ophthalmias which increase during the summer months and which if left untreated will, in most cases, cause blindness in a few days. It is therefore very necessary, under these conditions, to establish permanent ophthalmic hospitals in the capital towns of markazes as well as many travelling ophthalmic hospitals to visit the towns at long distances from the Mudîrîya capitals (all these capitals are now provided with ophthalmic hospitals). In this way the utility of ophthalmic treatment would be generalised to all inhabitants of Egypt.

It is also to be noted that among the important features of the work is that the ophthalmic medical officers, in addition to their hospital duties, carry out the examination of pupils of Government Primary Schools, treating those pupils affected with eye diseases and prescribing spectacles for those who require it. The number of pupils examined during the school year 1923–1924 reached 7,551 of which more than 90 per cent are infected with the various stages of trachoma. On the preliminary ophthalmic inspection made on pupils there were more than 28 per cent of all the pupils infected with the serious stages of trachoma; but this percentage fell down to 11 per cent as a result of the ophthalmic treatment. Also the number of pupils requiring spectacles for defective vision during 1923–1924 and previous years was 423. By the use of these spectacles which were not greater in strength than  $\pm 6$  dioptres, more than 40 per cent of the pupils attained good or fair vision.

The capital expenditure involved in the provision and equipment of the 22 hospitals (Alexandria branch excluded) has been L.E. 105,000 of which L.E. 23,000 were paid by the Government, more than 60,000 by public subscription and the rest by Provincial Councils or Municipalities.

The annual cost of maintenance for 1923, including the cost of Central Administration and the expenses of ophthalmic clinics at the Government primary schools, was L.E. 46,000 as shown in the detailed lists appended to this Report.

TABLE I.—PRIMARY GLAUCOMA.

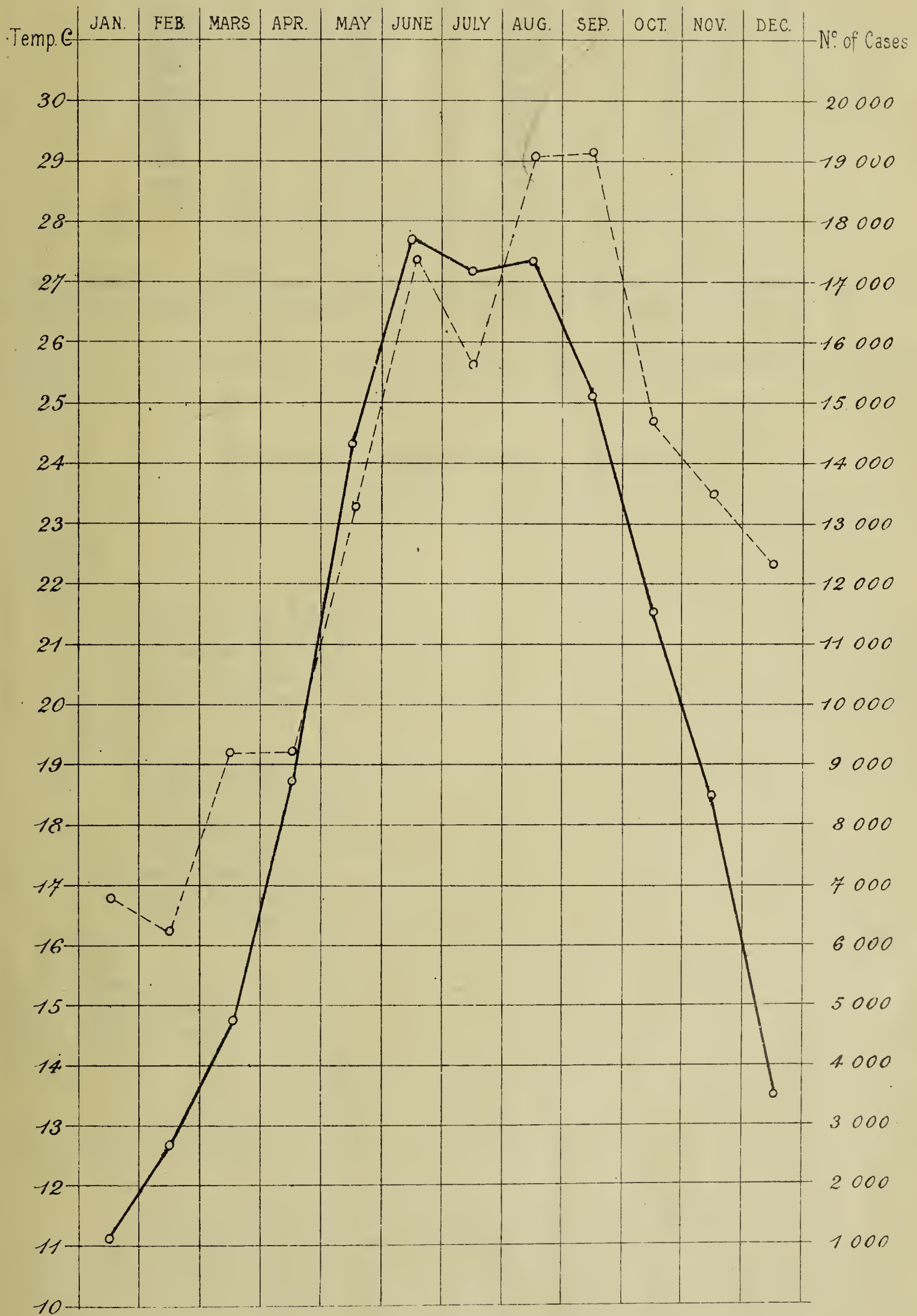
Acute ... ..	25)
Subacute ... ..	119)*
Chronic ... ..	2,872)
TOTAL ... ..	3,016
Total number of patients examined ... ..	174,004
Per cent of glaucoma cases ... ..	1.73
Per cent of absolute glaucoma cases ... ..	1.23
Operations :—	
Iridectomy ... ..	503
Trephining with iridectomy ... ..	643

\* Including 2144 absolute monocular and binocular.



Table II

TEMPERATURE AND NUMBER OF NEW PATIENTS TREATED



————— Average temperature in degrees centigrade.

----- New patients treated per month.

*N.B. This tables denotes that increase of new patients coincide with the rise of temperature.*







TABLE III.—YEARLY PERCENTAGES OF BLINDNESS AMONGST OPHTHALMIC HOSPITALS  
PATIENTS SINCE THE YEAR 1909.

YEAR.	Per Cent of Blindness in One or Both Eyes.	YEAR.	Per Cent of Blindness in One or Both Eyes.
<b>1909</b> ... ..	15.6	<b>1917</b> ... ..	13.9
<b>1910</b> ... ..	17.4	<b>1918</b> ... ..	14.6
<b>1911</b> ... ..	19.2	<b>1919</b> ... ..	15.3
<b>1912</b> ... ..	15.8	<b>1920</b> ... ..	13.8
<b>1913</b> ... ..	14.8	<b>1921</b> ... ..	12.2
<b>1914</b> ... ..	13.2	<b>1922</b> ... ..	11.8
<b>1915</b> ... ..	12.0	<b>1923</b> ... ..	11.2
<b>1916</b> ... ..	11.2		

The definition of blindness adopted here is that proposed by Trousseau, that is to say inability to count fingers held up at a distance of one meter.

N.B.—It is to be noted that there is a gradual decrease in the percentage of blindness since 1919.

TABLE IV.—PATHOLOGICAL CAUSES OF BLINDNESS.

A.—Congenital ... ..	7
B.—Acquired :—	
I.—Conjunctivitis resulting in :—	
(a) Total corneal opacity ... ..	6,394
(b) Shrunken globe ... ..	5,397
(c) Secondary glaucoma ... ..	3,658
(d) Other conditions ... ..	1,161
II.—Fundus :—	
(a) Optic atrophy ... ..	264
(b) Optic neuritis... ..	20
(c) Retinitis pigmentosa ... ..	32
(d) Detachment of retina ... ..	65
(e) Other diseases of fundus ... ..	114
III.—Glaucoma, Primary :—	
Absolute monocular ... ..	1,098
Absolute binocular ... ..	1,046
IV.—Cataract ... ..	2,101
V.—Injury ... ..	198
VI.—Operation ... ..	64
VII.—Infectious disease... ..	26
VIII.—Iritis endogenous ... ..	337
IX.—Various ... ..	360
TOTAL ... ..	22,342

TABLE V.—COMPARISON OF CORNEAL OPACITY AMONG PUPILS OF  
TANTA PRIMARY SCHOOL IN THE YEARS 1913-14 AND 1923-24.

YEAR.	Both Corneæ Clear.	One Cornea clear, the other showing opacity.	Opacity of both Corneæ.
1913-14	176	104	88
1923-24	638	52	11

TABLE VI.—SYNOPSIS OF WORK OF HOSPITALS SINCE THE YEAR 1920.

	1920	1921	1922	1923
Hospitals in existence :—				
Travelling ... ..	5	5	5	5
Permanent ... ..	15	16	16	18
New patients treated ... ..	94,921	113,201	133,750	156,837
Total attendances of out-patients ... ..	1,064,509	1,322,074	1,510,020	1,664,791
Operations performed ... ..	56,503	65,378	76,035	82,466
In-patients ... ..	4,232	4,513	4,798	4,995
Details :—				
Patients examined ... ..	108,113	127,223	147,492	174,004
Patients regularly treated ... ..	94,921	113,201	133,750	156,837
Incurable cases ... ..	6,400	6,727	6,582	7,859
Blind in one eye... ..	9,833	10,566	12,524	14,394
Blind in both eyes ... ..	5,154	5,053	4,850	5,146
Trichiasis cases examined ... ..	23,154	28,245	32,720	31,405
„ eyes operated on and cured ... ..	27,081	28,939	30,869	33,904

TABLE VII.—WORK DONE AT ALL OPHTHALMIC HOSPITALS DURING 1923.

1. IN-PATIENTS : TOTAL NUMBER ... ..	4,995
(Number of available beds 311)	
Number of diets issued ... ..	100,982
2. OPERATIONS :—	
I. Major :—	
(a) Senile cataract ... ..	911
(b) Soft cataract ... ..	319
(c) Trichiasis or entropion ... ..	33,904
(d) Other operations ... ..	8,227
TOTAL ...	43,361
II. Minor (including mechanical treatment of trachoma) ... ..	39,105
GRAND TOTAL, major and minor operations ... ..	82,466
3. OUT-PATIENTS :—	
I. Incurable ... ..	5,626
II. Postponed ... ..	11,541
III. Tickets issued, <i>i.e.</i> new cases ... ..	156,837
IV. Old cases ... ..	1,490,787
V. Visits made by patients to hospital for treatment ... ..	1,664,791
VI. Average number of visits made to hospital by each patient under regular treatment (old cases+tickets issued) ÷ tickets issued. The factor of incurable cases is neglected ... ..	10·5
VII. Discharges :—	
(a) Cured ... ..	21,113
(b) Relieved ... ..	4,452
(c) Incurable ... ..	2,233
(d) Spontaneously ceased to attend after having attended only once... ..	24,047
(e) Spontaneously ceased to attend after having attended more than once ... ..	75,320
VIII. Trichiasis cases seen among new out-patients :—	
(a) No previous operation having been performed ... ..	28,386
(b) Previous operation performed unsuccessfully (not at an Ophthalmic Hospital, but probably by some charlatan) ... ..	3,019

N.B.—3, I Incurable cases do not receive tickets, but are recognized as soon as seen by the surgeon as both incurable and devoid of surgical interest.

VII (c) Incurable cases include those which are recognized as soon as seen by the surgeon as incurable but are given tickets for statistical or other purposes.









TABLE VIII.—LIST OF DISEASES (*continued*).

<i>Cornea</i> (contd.) :—																
Staphyloma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,947
Xerosis of cornea	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	349
Abscess of cornea	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
Conical cornea	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	439
Injuries (burn, foreign bodies, etc.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	499
Herpes of cornea	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
<i>Limbus</i> :—																
Tumours	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
<i>Iris</i> :—																
Anterior synechia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,882
Posterior „	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	896
Inflammation	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	470
Iris bombé	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
Irido-dialysis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	47
Congenital coloboma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17
Aniridia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
Persistent pupillary membrane	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
Iridodonesis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	130
Various	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	53
<i>Sclerotic</i> :—																
Ciliary staphyloma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	628
Episcleritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
Injuries	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19
<i>Choroid</i> :—																
Coloboma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Rupture	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
Disseminated choroiditis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
Choroido-retinitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	32
Atrophy of choroid	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	107
Tumours	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Albinismus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
<i>Retina</i> :—																
Retinitis, Albuminuric and diabetic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16
„ syphilitic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
„ pigmentosa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	61
Detachment of retina	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	81
Embolism and thrombosis of retinal vessels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Glioma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
Other conditions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
Night blindness (in which retinitis pigmentosa is absent)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	39
<i>Optic Nerve</i> :—																
Neuritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	34
Atrophy ( <i>see</i> table IX, causes of Optic Atrophy)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	298
Opaque nerve fibres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
Other conditions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
Third nerve paralysis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
<i>Lens</i> :—																
Cataract, senile	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,013
„ soft	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	298











TABLE X.—LIST OF OPERATIONS (*continued*).

TOTAL <i>brought forward</i> ... ..															80,961
<i>Globe :—</i>															
Trepining of cornea-sclera with iridectomy ... ..															643
Trepining ... ..															10
Excision ... ..															433
Evisceration ... ..															201
Paracentesis ... ..															35
<i>Orbit :—</i>															
Exenteration ... ..															7
For tumour ... ..															6
For dermoid ... ..															13
For cellulitis ... ..															9
For cyst, frontal ... ..															—
,, ethmoidal ... ..															—
Tenotomy and advancement ... ..															3
Other major operations ... ..															142
<i>Trial with magnet :—</i>															
Positive ... ..															1
Negative ... ..															2
TOTAL... ..															82,466

TABLE XI.—PATHOLOGICAL REPORT.

TISSUES HARDENED, SECTIONS CUT AND EXAMINED MICROSCOPICALLY AT THE OPHTHALMIC  
LABORATORY DURING 1923.

<i>LIDS :—</i>															
Inflammation ... ..															2
<i>Tumours :—</i>															
Benign including cysts ... ..															15
Malignant ... ..															17
<i>CONJUNCTIVA :—</i>															
Inflammation ... ..															30
Degeneration ... ..															13
<i>Tumours :—</i>															
Benign including cysts ... ..															15
Malignant ... ..															5
<i>LIMBUS :—</i>															
<i>Tumours :—</i>															
Benign including cysts ... ..															10
Malignant ... ..															4
<i>CORNEA :—</i>															
Wounds ... ..															3
<i>Tumours :—</i>															
Benign ... ..															4
Malignant ... ..															3
<i>SCLEROTIC :—</i>															
Wounds ... ..															2
Carried forward... ..															123



TABLE XII.—WASSERMANN TESTS.

Positive	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17
Doubtful	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Negative	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	69
Unfit	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
TOTAL...																			95

TABLE XIII.—NUMBER OF PATIENTS TREATED AND OPERATIONS PERFORMED AT THE OPHTHALMIC HOSPITALS DURING 1923.

HOSPITALS.	NUMBER OF PATIENTS.	HOSPITALS.	NUMBER OF OPERATIONS
No. 1, Rôd el Farag ... ..	15,209	No. 2 S.O.H., Gîza ... ..	8,168
No. 2 S.O.H., Gîza ... ..	14,974	No. 1, Rôd el Farag ... ..	8,102
Tanta ... ..	9,993	Tanta ... ..	4,825
Alexandria ... ..	8,906	Asyût ... ..	4,652
Port Said ... ..	8,154	Shibîn el Kôm ... ..	4,065
Asyût ... ..	8,043	Qena ... ..	3,963
Beni Suef ... ..	7,375	No. 3 T.O.H. ... ..	3,866
Shibîn el Kôm ... ..	7,156	Beni Suef ....	3,694
Benha ... ..	6,911	Benha ... ..	3,673
Asyût P.C.T.O.H. ... ..	6,616	Asyût P.C.T.O.H. ... ..	3,548
Zagazig ... ..	5,824	Daqahliya P.C.T.O.H. ... ..	3,256
Mahalla el Kubra ... ..	5,759	Mansûra ... ..	3,076
Sohâg ... ..	5,671	Sohâg ... ..	3,038
Mansûra ... ..	5,410	Faiyûm ... ..	3,002
Minya ... ..	5,389	Alexandria ... ..	2,799
Daqahliya P.C.T.O.H. ... ..	5,180	Mahalla el Kubra ... ..	2,760
Faiyûm ... ..	5,171	Minya ... ..	2,679
No. 3 T.O.H. ... ..	5,091	Zagazig ... ..	2,661
Qena ... ..	4,485	Santa ... ..	2,542
Damanhûr ... ..	4,353	Damanhûr ... ..	2,233
Santa ... ..	4,210	Damietta ... ..	2,092
Damietta ... ..	4,008	Kafr el Zaiyât ... ..	1,953
Kafr el Zaiyât ... ..	2,949	Port Said ... ..	1,819

N.B.—Number of working days :—

	Months.	Days.
Qena (opened on April 24, 1923) ... ..	8	7
Damietta (opened on May 1, 1923) ... ..	8	—
No. 3 T.O.H. ....	9	23
Daqahliya P.C.T.O.H. ....	9	4
Asyût P.C.T.O.H. ..	10	7
Other Hospitals ... ..	12	—



TABLE XIV.—AVERAGE NUMBER OF OPERATIONS PER MONTH AT ALL  
OPHTHALMIC HOSPITALS DURING 1923.

HOSPITALS.	MAJOR.	HOSPITALS.	MINOR.
No. 1, Rôd el Farag ... ..	312	No. 2 Stationary, Giza ... ..	382
No. 2 Stationary, Giza ... ..	298	No. 1, Rôd el Farag ... ..	363
Qena ... ..	230	Qena ... ..	251
Asyût ... ..	217	Tanta ... ..	225
Shibîn el Kôm ... ..	208	No. 3 T.O.H. ... ..	207
Benha ... ..	198	Asyût P.C.T.O.H. ... ..	207
Beni Suef ... ..	192	Daqahliya P.C.T.O.H. ... ..	175
Sohâg ... ..	192	Asyût ... ..	171
No. 3 T.O.H. ... ..	191	Damietta ... ..	141
Tanta ... ..	177	Shibîn el Kôm ... ..	131
Faiyûm... ..	172	Alexandria ... ..	125
Daqahliya P.C.T.O.H. ... ..	153	Mahalla el Kubra ... ..	123
Mansûra ... ..	150	Beni Suef ... ..	116
Asyût P.C.T.O.H. ... ..	140	Benha ... ..	108
Zagazig ... ..	139	Mansûra ... ..	106
Minya ... ..	129	Minya ... ..	94
Damietta ... ..	120	Santa ... ..	93
Santa ... ..	119	Damanhûr ... ..	85
Alexandria ... ..	108	Zagazig... ..	83
Mahalla el Kubra ... ..	108	Kafr el Zaiyât ... ..	82
Damanhûr ... ..	102	Faiyûm ... ..	79
Kafr el Zaiyât ... ..	80	Port Said ... ..	79
Port Said ... ..	72	Sohâg ... ..	61

TABLE XV.—NEW PATIENTS TREATED ACCORDING TO THE AGE AT WHICH THEY  
SOUGHT TREATMENT.

Age.	No. of Patients.
Under one year ... ..	10,202
From 1 to 5 years ... ..	21,128
„ 6 to 10 years ... ..	17,260
„ 11 to 15 „ ... ..	15,558
„ 16 to 20 „ ... ..	11,717
„ 21 to 25 „ ... ..	12,135
„ 26 to 30 „ ... ..	12,836
„ 31 to 35 „ ... ..	12,137
„ 36 to 40 „ ... ..	10,756
„ 41 to 45 „ ... ..	7,830
„ 46 to 50 „ ... ..	6,796
„ 51 to 55 „ ... ..	4,435
„ 56 to 60 „ ... ..	5,264
„ 61 to 65 „ ... ..	3,607
„ 66 to 70 „ ... ..	2,538
Over 70 years ... ..	2,638
TOTAL ... ..	156,837



TABLE XVI.—NEW PATIENTS TREATED PER MONTH.

January	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6,914
February	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6,335
March	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9,038
April	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9,118
May	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13,146
June	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17,693
July	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15,804
August	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19,018
September	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19,022
October	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14,843
November	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13,548
December	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12,358
TOTAL ... ..																			156,837

TABLE XVII.—AVERAGE TEMPERATURE.

The average temperature was arrived at by taking one place in Lower Egypt (Qurashîya), one place in Cairo (Gîza), and one place in Upper Egypt (Asyût) and obtaining an average figure from the mean temperature at each place on each month. This is shown in appended table, the readings being in degrees centigrade.

MONTH.										Qurashîya.	Giza.	Asyût.	Average.
January	...	...	...	...	...	...	...	...	...	10·5	10·8	12·0	11·1
February	...	...	...	...	...	...	...	...	...	11·8	12·7	13·8	12·8
March	...	...	...	...	...	...	...	...	...	13·8	14·3	16·7	14·9
April	...	...	...	...	...	...	...	...	...	17·4	18·0	21·3	18·9
May	...	...	...	...	...	...	...	...	...	22·8	23·2	26·8	24·3
June	...	...	...	...	...	...	...	...	...	26·0	26·5	30·8	27·8
July	...	...	...	...	...	...	...	...	...	26·0	26·2	29·2	27·1
August	...	...	...	...	...	...	...	...	...	26·0	26·3	29·5	27·3
September	...	...	...	...	...	...	...	...	...	24·5	24·3	26·2	25·0
October	...	...	...	...	...	...	...	...	...	20·7	20·9	22·9	21·5
November	...	...	...	...	...	...	...	...	...	18·1	18·3	19·4	18·6
December	...	...	...	...	...	...	...	...	...	13·4	13·4	13·8	13·5

TABLE XVIII.—BLINDNESS AMONG OUT-PATIENTS SINCE 1909.

YEAR.				TOTAL NUMBER OF PATIENTS EXAMINED.	ONE EYE.		BOTH EYES.		ONE EYE AND BOTH EYES.	
					Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.
1909	...	...	...	22,373	2,116	9·4	1,385	6·1	3,501	15·6
1910	...	...	...	25,506	2,438	9·5	2,010	7·8	4,448	17·4
1911	...	...	...	31,274	3,196	10·2	2,811	8·9	6,007	19·2
1912	...	...	...	43,668	4,115	9·4	2,824	6·4	6,939	15·8
1913	...	...	...	62,233	5,360	8·6	3,878	6·2	9,238	14·8
1914	...	...	...	75,398	6,425	8·5	3,591	4·7	10,016	13·2
1915	...	...	...	71,930	5,637	7·8	2,992	4·2	8,629	12·0
1916	...	...	...	94,447	7,042	7·4	3,504	3·7	10,546	11·2
1917	...	...	...	100,410	9,385	9·3	4,611	4·6	13,996	13·9
1918	...	...	...	90,668	8,969	9·9	4,261	4·7	13,230	14·6
1919	...	...	...	83,577	8,537	10·2	4,278	5·1	12,815	15·3
1920	...	...	...	108,113	9,833	9·1	5,154	4·7	14,987	13·8
1921	...	...	...	127,223	10,566	8·3	5,053	3·9	15,619	12·2
1922	...	...	...	147,492	12,524	8·5	4,850	3·3	17,374	11·8
1923	...	...	...	174,004	14,394	8·3	5,146	2·9	19,540	11·2
TOTAL ... ..				1,258,316	110,537	8·8	56,348	4·5	166,885	13·3

TABLE XIX.—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES.

	1920	1921	1922	1923
	Per Cent.	Per Cent.	Per Cent.	Per Cent.
<i>Permanent Hospitals :—</i>				
Tanta ... ..	7·82	9·78	8·78	8·06
Asyût ... ..	19·05	16·50	14·32	14·25
Mansûra ... ..	17·70	19·30	18·79	18·54
Beni Suef ... ..	16·40	17·07	17·55	17·34
Zagazig ... ..	17·76	11·10	11·58	10·47
Damanhûr ... ..	9·20	9·77	9·49	9·75
Shibîn el Kôm ... ..	6·30	9·09	9·06	8·23
Sohâg ... ..	16·30	16·16	13·74	11·77
Minya ... ..	19·80	19·85	19·04	17·41
Faiyûm ... ..	12·36	11·10	14·17	10·30
Benha ... ..	9·60	7·40	9·67	10·91
Alexandria ... ..	10·70	9·70	9·67	6·99
Aswân (Oph. Branch) ... ..	—	14·60	—	—
Port Said ... ..	—	6·13	3·00	2·76
Qena... ..	—	—	—	14·97
Damietta ... ..	—	—	—	16·70
Mahalla el Kubra ... ..	10·40	9·20	8·65	7·07
Kafr el Zaiyât ... ..	10·93	10·88	9·34	6·77
Santa ... ..	13·84	12·63	12·55	12·46
<i>Travelling Hospitals :—</i>				
No. I. Travelling :—				
Idfu ... ..	24·16	—	—	—
Damietta ... ..	14·30	—	—	—
Rôd el Farag ... ..	16·86	14·35	12·30	12·22
No. II. Stationary :—				
Gîza ... ..	14·73	13·09	13·03	12·88
No. III. Travelling :—				
Barrage ... ..	15·25	—	—	—
Port Said ... ..	11·12	—	—	—
Nag Hammâdi... ..	9·42	4·10	—	—
Aswân ... ..	—	20·26	16·36	12·32
Luxor ... ..	—	—	8·90	—
Esna ... ..	—	—	—	12·63
Asyût Travelling :—				
Manfalût ... ..	—	6·46	—	5·87
Deirût ... ..	14·22	—	—	7·64
Mallawi ... ..	20·00	—	9·70	—
Abnûb ... ..	15·27	14·60	—	5·87
Abu Tîg ... ..	—	9·80	14·10	11·21
Badâri ... ..	—	—	6·22	—
Daqahlîya Travelling :—				
Mit-Ghamr ... ..	18·50	—	9·60	—
Matarîya ... ..	—	8·95	—	6·21
Dikirnis ... ..	—	11·10	—	12·67
Fariskûr ... ..	—	—	10·18	—
Aga ... ..	16·56	—	—	13·09
Simbillawein ... ..	15·58	12·32	20·29	19·85

TABLE XX.—SOURCES OF PROVISION OF HOSPITALS.

HOSPITALS.	Date at which opened.	Government Grant.	Public Subscription or Private Benefaction.	Provincial Councils or Municipality.
		L.E.	L.E.	L.E.
No. 1 Travelling* ... ..	1904	—	1,000	—
No. 2 Camp† ... ..	1905	—	—	1,500
Tanta ... ..	1908	8,463	—	—
Asyût ... ..	1911	8,817 and site	5,004	—
Mansûra ... ..	1912	—	5,000	—
Beni Suef ... ..	1912	—	4,000	—
Asyût Travelling ... ..	1912	—	—	720
Zagazig ... ..	1913	—	—	4,286
Mahalla el Kubra... ..	1913	—	—	2,400
Kafr el Zaiyât ... ..	1913	—	—	2,200
Daqahliya Travelling ... ..	1913	—	—	720
Damanhûr ... ..	1914	—	—	5,000
Shibîn el Kôm ... ..	1914	—	5,422	—
Sohâg ... ..	1914	960	4,000	—
Minya ... ..	1915	—	—	5,500
Santa ... ..	1915	—	—	2,600
Faiyûm ... ..	1916	Site.	—	4,000
No. 3 Travelling‡ ... ..	1918	—	1,000	—
Benha ... ..	1920	—	14,000	—
Port Said... ..	1921	1,000	—	1,000
Qena... ..	1923	—	12,400	2,800
Damietta (temporary) ... ..	1923	1,000 and used building.	240	—
Fouad I, Govt. Ophthalmic Hospital, Giza ... ..	1924	3,000 and site.	8,668	600
TOTAL ... ..		23,240	60,734	33,326

\* Retained in Cairo for provision of clinical facilities for teaching.

† Stationary at Gîza until completion of Gîza Permanent Ophthalmic Hospital.

‡ For South Egypt, Luxor to Aswân, until Aswân Permanent Hospital is completed.



TABLE XXI.—ACTUAL EXPENDITURE.—(A) CENTRAL ADMINISTRATION, 1922–1923.

CHAPTER.	Grant.	Expenditure.
	L.E.	L.E.
Pensionable staff ... ..	6,402	6,049
Hors cadre staff ... ..	261	308
Allowances :—		
Ophthalmic allowance ... ..	216	35
Compensation allowance ... ..	48	48
Transport, transfer, and travelling allowance ... ..	1,382	960
Books and periodicals ... ..	42	42
Telephone ... ..	23	23 *
Telegrams ... ..	30	4
Petty expenses ... ..	20	1
TOTAL ... ..	8,424	7,470 †

\* Excluding trunk line calls.

† Two posts of divisional inspectors were vacant the whole year, one of which to cover the extra expenses of an Ophthalmic Medical Officer in the Educational Mission in England.

TABLE XXII.—ACTUAL EXPENDITURE.—(B) GOVERNMENT OPHTHALMIC HOSPITALS, 1922–1923.

CHAPTER.	Grant.	Total Actual Expenditure.
	L.E.	L.E.
Pensionable staff ... ..	9,944 <sup>(1)</sup>	10,555 <sup>(2)</sup>
Hors cadre staff ... ..	7,419	6,834
Ophthalmic allowance ... ..	1,968 <sup>(3)</sup>	586
Transport, transfer and travelling allowance ... ..	1,798	1,576
Food ... ..	5,484	4,048
Forage ... ..	51	30
Water ... ..	325	231
Light ... ..	180	108
Disposal of sewage ... ..	100	37
Heating ... ..	— <sup>(4)</sup>	590
Rent ... ..	100	76
Telegrams and telephones ... ..	177	108
Stores :—		
General equipment ... ..	(4)	5,465
Surgical equipment ... ..		166
Instruments ... ..		642
Drugs ... ..		2,420
Dressings ... ..		493
Purchase of Animals ... ..		11
Transport of stores ... ..		156
Books and periodicals ... ..	12	12
Petty expenses (including move of Travelling Camps) ... ..	628	625
TOTAL ... ..	—	34,769 <sup>(5)</sup>

(1) To this L.E. 201 is granted by the Government for the salary of the medical officer of Daqahliya Provincial Council Travelling Ophthalmic Hospital which is recovered from the said Council.

(2) The increase of expenditure on the grant is due to the new regrading.

(3) To this L.E. 72 is granted by the Government for the Ophthalmic allowance of the M.O. of Daqahliya Provincial Council Travelling Ophthalmic Hospital which is recovered from the said Council.

(4) No special grant for the ophthalmic hospitals. The grant is for the various units of the whole Department.

(5) Excluding repairs being omitted as the credit is at the disposal of the Public Works Ministry and no return is made



TABLE XXIII.—ACTUAL EXPENDITURE.—(B) GOVERNMENT OPHTHALMIC HOSPITALS (PER UNIT), 1922–1923.

CHAPTER.	No. 1 Camp.	No. 2 Camp.	No. 3 Camp.	Tanta.	Asyût.	Mansûra.	Beni Suef.	Zagazig.	Damanhûr.	Shibin el Kôm.	Sohâg.	Minya.	Faiyûm.	Benha.	Alexandria Oph Branch and Schools.	Port-Saïd.	Qena.	Damiëta.	Cairo Schools.	Suez.	TOTAL.
	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.
Pensionable staff ... ..	485	626	550	944	928	762	669	652	481	495	505	734	564	626	488	431	106	158	215	136	10,555*
Hors cadre staff ... ..	434	632	441	473	553	430	426	424	378	433	425	412	394	425	157	303	40	4	43	7	6,834
Ophthalmic allowance ... ..	6	36	67	59	78	6	6	48	6	23	24	6	18	26	38	12	—	27	72	28	586*
Transport, transfer and travelling allowance ...	187	75	352	102	188	17	43	70	28	42	20	60	95	58	16	23	114	42	—	44	1,576
Food ... ..	199	246	255	323	362	364	260	248	195	396	445	270	192	161	96	34	2	—	—	—	4,048†
Forage ... ..	13	11	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	30
Water ... ..	10	—	9	46	44	10	31	15	30	—	—	—	—	36	—	—	—	—	—	—	231
Light ... ..	—	—	—	14	40	26	28	—	—	—	—	—	—	—	—	—	—	—	—	—	108
Disposal of sewage ... ..	—	—	—	5	—	—	2	6	—	—	—	—	24	—	—	—	—	—	—	—	37
Heating ... ..	—	—	—	90	90	64	90	84	—	90	80	—	—	—	—	2	—	—	—	—	590
Rent ... ..	—	66	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	76
Telegrams and telephones	—	1	—	10	12	11	9	9	9	9	1	10	11	16	—	—	—	—	—	—	108
Stores :—																					
General Equipment...	745	806	463	452	586	250	239	355	212	94	299	301	220	167	—	276	—	—	—	—	5,465
Surgical Equipment	2	1	—	28	7	—	29	29	12	29	—	—	1	28	—	—	—	—	—	—	166
Instruments ... ..	79	110	107	15	30	47	9	13	8	—	18	39	21	12	—	134	—	—	—	—	642
Drugs ... ..	260	81	172	263	240	213	173	84	60	135	97	134	175	188	—	145	—	—	—	—	2,420
Dressings ... ..	75	5	—	63	54	—	30	26	32	25	31	39	28	39	—	46	—	—	—	—	493
Purchase of Animals	—	—	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11
Transport of stores ...	—	—	12	12	12	12	12	12	12	12	12	12	12	12	—	12	—	—	—	—	156
Books and periodicals ...	1	1	1	1	1	1	1	1	1	1	1	1	—	—	—	—	—	—	—	—	12
Petty expenses ... ..	19	35	364	17	23	26	12	15	11	14	27	13	18	15	—	9	7	—	—	—	625
TOTAL ... ..	2,515	2,732	2,820	2,917	3,248	2,239	2,069	2,091	1,475	1,798	1,985	2,031	1,773	1,809	795	1,427	269	231	330	215	34,769

\* Excluding, L.E. 257 salary of the M. O. of Daqahlia P.O.T.O.H., which is recovered by the said Council.

† Including cost of butter supplied by Central Stores.

TABLE XXIV.—ACTUAL EXPENDITURE.—(C) PROVINCIAL COUNCIL OPHTHALMIC HOSPITALS, 1922-1923.

CHAPTER.	GHARBĪYA.					ASYŪT.		DAQAHLĪYA.					
	Grant.	Expenditure.	Expenditure Per Unit.			Grant.	Expenditure.	Grant.	Expenditure.				
			Mahalla el Kubra.	Kafrel Zaiyât.	Santa.								
										L.E.	L.E.	L.E.	
Employees ... ..	972	789	270	266	253	231	199	353	316				
Servants ... ..	570	442	119	115	208	115	114	288	248				
Money to meet salaries of Nizami Gaffirs	24	24	—	—	24	—	—	—	—				
Transport and travelling allowance ... ..	18	36	11	11	14	—	63	100	158				
Food ... ..	130	105	—	—	105	L.E. 220 for dépenses diverses, no details.	—	160	77				
Water ... ..	—	—	—	—	—		3	—	—				
Light and heating ... ..	34	8	4	3	1		3	20	11				
Rent... ..	—	—	—	—	—		—	15	—				
General furniture :—													
Equipment ... ..	500	270	34	49	119	86	200	124					
Instruments ... ..									29	13	26	39	24
Drugs ... ..									122	73	116	68	83
Stationery and periodicals ... ..	—	—	—	—	—	—	8	—					
Post and telegrams ... ..	3	4	2	1	1	—	1	—					
Petty expenses ... ..	45	17	3	5	9	9	15	16					
TOTAL ... ..	2,536	2,006	594	536	876	566	584	1,310	1,057				

N.B.—Up-Keep : Gharbiya Provincial Council Budget L.E. 50 for each hospital.

TABLE XXV.—COMPARISON OF THE COST OF MAINTENANCE OF A PERMANENT  
OPHTHALMIC HOSPITAL IN 1914 AND 1923.

	Number.	1914.	TOTAL.	Number	1923.	TOTAL.
		L.E.	L.E.		L.E.	L.E.
ART. 1.—Salaries, Wages, and Allowances :—						
A.—Pensionable Staff :—						
Medical Officer ... ..	2	336	396	2	420	492
Clerk ... ..	1	60		1	72	
	3			3		
C.—Hors Cadre Staff :—						
Moawin ... ..	1	48	276	1	60	438
Chief attendant ... ..	1	36		2	84	
Attendants (male) ... ..	2	42		5	150	
Attendants (female) ... ..	2	36		2	42	
Cook ... ..	1	24		1	42	
Sai ... ..	1	18		1	30	
Gardener ... ..	—	—		1	30	
Boab ... ..	1	18		—	—	
Sundry subordinate staff ... ..	3	54		—	—	
	12			13		
E.—Allowances ... ..		72	72		—	—
ART. 2.—Transport, Transfer, and Travelling Allowances :—						
Transport ... ..	}	50	50	}	10	40
Transfer ... ..					10	
Travelling allowance ... ..					20	
ART. 3.—Food ... ..			139			368
ART. 5.—Rent, Water, Lighting, etc.:—						
Water ... ..		30	102		60	130
Lighting... ..		40			40	
Heating .. ..		20			30	
Sewage ... ..		12			—	
ART. 6.—Books and Periodicals ... ..			1			1
ART. 7.—Telegrams and Telephones :—						
Telegrams ... ..	}	9	9	}	1	11
Telephones ... ..					10	
ART. 8.—Petty Expenses ... ..			12			20
ART. 11.—Stores ... ..			300			500
TOTAL... ..			1,357			2,000



TABLE XXVI.—COST OF UNIFORM DIETS FOR ALL IN-PATIENTS AT THE OPHTHALMIC HOSPITALS DURING 1923, EXCLUDING COST OF RATIONS OF EMPLOYEES.

HOSPITALS.	Number of Diets issued.	Total Cost.*	Cost per Day per Head.
		L.E.	Mills.
No. 3 Camp, Aswân and Esna ... ..	2,635	141	53·69
Shibîn el Kôm ... ..	5,613	291	51·87
Daqahliya Travelling† : Simbellawein, Aga, Mataria and Dikirnis ... ..	1,777	77	43·30
Sohâg ... ..	7,091	298	42·02
Mansûra ... ..	6,878	273	39·68
Asyût ... ..	7,084	262	36·93
Faiyûm ... ..	3,458	125	36·01
Tanta ... ..	6,722	240	35·65
Minya ... ..	5,840	199	34·07
Damanhûr ... ..	3,895	131	33·64
Santa† ... ..	3,194	105	32·90
Zagazig ... ..	6,057	185	30·46
No. 1 Camp, Rôd el Farag ... ..	3,912	115	29·49
Beni Suef ... ..	7,412	201	27·05
No. 2 Stationary, Gîza ... ..	7,458	167	22·41
Benha ... ..	5,643	110	19·42
TOTAL ... ..	84,669	2,920	34·49

\* Fuel excluded.  
† Rations of these hospitals are not supplied by contractors but bought locally.

Scale of Full Diet as given to all In-patients at Ophthalmic Hospitals.

	Grammes.
Bread ... ..	600
Beef ... ..	150
Vegetables ... ..	150
Lentils ... ..	75
Rice ... ..	75
Milk ... ..	200
Artificial butter ... ..	25
Sugar ... ..	30
Salt ... ..	15

TABLE XXVII.—NUMBER OF BEDS AT THE OPHTHALMIC HOSPITALS.

	First.	Second.	Third.
No. 1 Travelling ... ..	—	—	11
No. 2 Stationary ... ..	—	—	20
No. 3 Travelling ... ..	—	—	10
Tanta ... ..	—	—	20
Asyût ... ..	1	—	27
Mansûra ... ..	—	—	18
Beni Suef ... ..	—	—	17
Zagazig ... ..	—	—	18
Damanhûr ... ..	—	—	18
Shibîn el Kôm ... ..	—	—	15
Sohâg ... ..	—	—	14
Minya ... ..	—	—	16
Faiyûm ... ..	—	—	10
Benha ... ..	—	—	14
Alexandria ... ..	—	—	31
Port Said ... ..	—	—	6
Qena ... ..	—	—	18
Damietta ... ..	—	—	5
Daqahliya ... ..	—	—	12
Santa ... ..	—	—	10
TOTAL ... ..	1	—	310

Statistics of Ophthalmic Treatment in Schools, 1923-1924.

Ophthalmic treatment has been carried out at the Primary Government Schools of Tanta, Asyût, Mansûra, Beni Suef, Zagazig, Damanhûr, Shebin el Kôm, Sohâg, Minya, Faiyûm, Gîza, Benha, Moharram Bey and Ras el Tin at Alexandria, Hussanieh and Mohammed Aly at Cairo and Qena.

TABLE I.—CONDITION OF CONJUNCTIVA.—(a) BEGINNING OF THE YEAR.

SCHOOLS.	No. Trachoma.	Non-trachomatous conjunctivitis.	TRACHOMA.				TOTAL.
			I.	II.	III.	IV.	
Tanta ... ..	113	—	151	67	239	131	701
Per cent ... ..	16·1	—	21·5	9·5	34·1	18·7	
Asyût ... ..	26	—	76	46	184	207	539
Per cent ... ..	4·8	—	14·1	8·5	34·1	38·4	
Mansûra ... ..	82	—	106	15	58	236	497
Per cent ... ..	16·5	—	21·3	3·0	11·6	47·5	
Beni Suef ... ..	16	—	19	110	121	281	547
Per cent ... ..	2·9	—	3·5	20·1	22·1	51·3	
Zagazig ... ..	57	—	57	15	126	150	405
Per cent ... ..	14·1	—	14·1	3·7	31·1	37·0	
Damanhûr ... ..	10	—	79	32	155	59	335
Per cent ... ..	2·9	—	23·6	9·5	46·3	17·6	
Shibin el Kôm ... ..	7	—	4	22	77	64	174
Per cent ... ..	4·0	—	2·3	12·6	44·2	36·8	
Sohâg ... ..	5	—	49	39	90	55	238
Per cent ... ..	2·1	—	20·6	16·4	37·8	23·1	
Minya ... ..	18	—	11	22	128	141	320
Per cent ... ..	5·6	—	3·4	6·9	40·0	44·0	
Faiyûm ... ..	9	—	17	39	171	36	272
Per cent ... ..	3·3	—	6·2	14·3	62·9	13·2	
Gîza ... ..	13	—	36	27	89	117	282
Per cent ... ..	4·6	—	12·7	9·6	31·5	41·5	
Benha ... ..	7	—	34	51	137	152	381
Per cent ... ..	1·8	—	8·9	13·4	35·9	39·9	
Moharram Bey ... ..	84	—	144	17	41	66	352
Per cent ... ..	23·9	—	40·9	4·8	11·6	18·7	
Hussanieh ... ..	62	—	161	61	200	302	786
Per cent ... ..	7·9	—	20·5	7·7	25·4	38·4	
Mohammad Aly ... ..	20	—	101	64	197	303	685
Per cent ... ..	2·9	—	14·7	9·3	28·8	44·2	
Ras el Tin ... ..	199	—	260	33	160	147	799
Per cent ... ..	24·9	—	32·5	4·1	20·0	18·4	
Qena ... ..	3	—	77	73	73	12	238
Per cent ... ..	1·3	—	32·3	30·7	30·7	5·0	
TOTAL ... ..	731	—	1382	733	2246	2459	7551
Per cent ... ..	9·7	—	18·3	9·7	29·7	32·6	



TABLE I.—CONDITION OF CONJUNCTIVA.—(b) END OF THE YEAR.

SCHOOLS	No. Trachoma.	Non-trachomatous conjunctivitis.	TRACHOMA.				TOTAL.
			I.	II.	III.	IV.	
Tanta ... ..	102	—	67	13	290	185	657
Per cent ... ..	15·5	—	10·2	1·9	44·1	28·2	
Asyût ... ..	18	—	17	10	227	233	505
Per cent ... ..	3·6	—	3·4	1·9	44·9	46·1	
Mansûra ... ..	70	—	82	—	37	280	469
Per cent ... ..	14·9	—	17·5	—	7·9	59·7	
Beni Suef ... ..	17	—	3	1	106	387	514
Per cent ... ..	3·3	—	0·6	0·2	20·6	75·3	
Zagazig ... ..	52	—	10	3	104	226	395
Per cent ... ..	13·2	—	2·5	0·7	26·3	57·2	
Damanhûr ... ..	10	—	38	3	192	81	324
Per cent ... ..	3·1	—	11·7	0·9	59·2	25·0	
Shibin el Kôm ... ..	2	—	9	1	91	58	161
Per cent ... ..	1·2	—	5·6	0·6	56·5	36·0	
Sohâg ... ..	6	—	6	3	124	85	224
Per cent ... ..	2·7	—	2·7	1·3	55·4	37·9	
Minya ... ..	15	—	—	3	158	144	320
Per cent ... ..	4·7	—	—	0·9	49·4	45·0	
Faiyûm ... ..	9	—	3	—	156	81	249
Per cent ... ..	3·6	—	1·2	—	62·7	32·5	
Gîza ... ..	14	—	18	—	97	159	288
Per cent ... ..	4·8	—	6·2	—	33·7	55·2	
Benha ... ..	4	—	25	9	164	165	367
Per cent ... ..	1·1	—	6·8	2·4	44·7	44·9	
Moharram Bey ... ..	89	—	130	1	48	123	391
Per cent ... ..	22·7	—	33·2	0·3	12·3	31·5	
Hussanieh ... ..	60	—	131	9	276	308	784
Per cent ... ..	7·7	—	16·7	1·1	35·2	39·3	
Mohammad Aly ... ..	18	—	61	10	245	350	684
Per cent ... ..	2·6	—	8·9	1·5	35·8	51·2	
Ras El Tin ... ..	195	—	160	1	170	238	764
Per cent ... ..	25·5	—	20·9	0·1	22·3	31·2	
Qena ... ..	4	—	6	2	170	50	232
Per cent ... ..	1·7	—	2·6	0·9	73·3	21·5	
TOTAL ... ..	685	—	766	69	2655	3153	7328
Per cent ... ..	9·3	—	10·5	0·9	36·2	43·0	

TABLE IIa.—EFFECT OF TREATMENT ON SERIOUS STAGES OF TRACHOMA.

YEAR.	BEGINNING OF THE YEAR.			END OF THE YEAR.	
	Pupils with any stage of Trachoma.	Pupils with serious stages of Trachoma I. and II.		Pupils with serious stages of Trachoma I. and II.	
		No.	Per Cent.	No.	Per Cent.
1907-1908 ... ..	464	289	62·3	—	—
1914-1915 ... ..	1,553	342	22·0	61	4·0
1916-1917 ... ..	1,528	327	21·4	48	3·0
1917-1918 ... ..	1,699	282	16·6	71	4·2
1919-1920 ... ..	2,454	410	16·7	201	8·2
1920-1921 ... ..	3,363	643	19·1	290	8·6
1921-1922 ... ..	5,036	1,369	27·2	580	11·5
1922-1923 ... ..	6,140	1,982	32·3	892	14·5
1923-1924 ... ..	6,820	2,115	31·0	835	12·2

TABLE IIb.—STAGES OF TRACHOMA AT BEGINNING AND END OF SCHOOL YEAR.

STAGES OF TRACHOMA.						BEGINNING OF THE YEAR.		END OF THE YEAR.	
						No.	Per Cent.	No.	Per Cent.
Trachoma	I	...	...	...	...	1,382	20·3	766	11·5
„	II	...	...	...	...	733	10·7	69	1·0
„	III	...	...	...	...	2,246	32·9	2,655	39·9
„	IV	...	...	...	...	2,459	36·1	3,153	47·5



TABLE IIIa.—TRACHOMA AND ITS RELATION TO SCHOOL YEARS (Beginning of the Year.)

SCHOOLS.	1ST YEAR.				2ND YEAR.				3RD YEAR.				4TH YEAR.			
	Trachoma.				Trachoma.				Trachoma.				Trachoma.			
	Non-Trachomatous.	I.	II.	III.	IV.	Non-Trachomatous.	I.	II.	III.	IV.	Non-Trachomatous.	I.	II.	III.	IV.	Non-Trachomatous.
Tanta ... ..	25	78	34	32	15	35	42	21	82	33	39	20	9	93	47	14
Asyût ... ..	8	33	24	34	37	4	23	12	66	70	9	14	7	50	58	5
Mansûra ... ..	32	37	7	22	29	24	44	5	21	73	18	15	2	12	80	8
Beni Suef ... ..	5	13	73	55	83	5	5	26	21	75	2	1	9	28	76	4
Zagazig ... ..	24	34	12	32	30	10	14	2	39	43	17	7	1	32	45	6
Damanhûr ... ..	1	31	16	27	13	3	25	9	49	9	6	17	4	49	19	—
Shibin el Kôn ... ..	3	2	10	22	15	1	1	4	17	21	3	1	7	22	18	—
Sohâg ... ..	1	25	18	31	13	1	13	11	26	8	2	10	6	25	18	1
Minya ... ..	11	10	11	52	32	4	1	5	22	28	3	—	5	37	48	—
Faiyûm ... ..	3	11	24	36	5	1	2	12	58	12	3	3	3	46	13	2
Gîza ... ..	5	14	22	23	19	4	13	5	28	40	2	6	—	28	49	2
Benha ... ..	1	12	29	33	22	1	17	13	40	32	1	5	7	39	54	4
Moharram Bey ... ..	11	50	5	13	13	32	44	5	11	21	25	39	6	15	21	16
Husseinîya ... ..	10	77	30	60	30	16	49	16	66	80	17	25	11	50	97	19
Muhammad Aly ... ..	5	35	22	42	62	4	30	15	70	87	5	18	17	58	93	6
Ras el Tîn ... ..	64	81	12	38	20	63	83	11	59	59	55	71	8	38	45	17
Qena ... ..	1	29	23	17	1	1	21	19	20	3	—	16	22	18	3	1
TOTAL ... ..	210	572	372	569	439	209	427	191	695	694	207	268	124	640	784	105
												115	46	342		542

TABLE IIIb.—COMPARISON OF SERIOUS STAGES OF TRACHOMA I and II (BEGINNING OF THE YEAR).

CLASS.	Total number of pupils.	Total number of serious stages of Tra- choma I and II.	Per Cent.
First Year ... ..	2,162	944	43·7
Second Year ... ..	2,216	618	27·9
Third Year... ..	2,023	392	19·4
Fourth Year ... ..	1,150	161	14·0

TABLE IV.—VISION OF ALL PUPILS WITHOUT SPECTACLES.

	TOTAL.	GRAND TOTAL.	Per Cent.
Good Vision :—			
(a) Normal vision in each eye 6/6 and 6/6 ... ..	1,367		
(b) Vision 6/6 and 6/9 or 6/9 and 6/9 ... ..	1,648	3,015	39·9
Fair Vision :—			
(a) Vision 6/6 and 6/12, 6/9 and 6/12, 6/12 and 6/12 ... ..	1,615		
(b) Vision 6/6 and 6/18 ... ..	137	1,752	23·2
Bad Vision :—			
Fails to attain any of the above standards ... ..	2,784	2,784	36·9
TOTAL ... ..	7,551	7,551	

TABLE V.—SPECTACLES ORDERED.

	Tanta.	Asyût.	Mansûra.	Beni Suef.	Zagazig.	Damanhûr.	Shibin el Kôm.	Sohâg.	Minya.	Faiyûm.	Gîza.	Benha.	Moharram Bey.	Husseinîya.	Muhammad Aly.	Ras El Tin.	Qena.	TOTAL.
No. of pupils now attending obtained spectacles in previous years ... ..	20	13	39	13	8	14	12	5	9	29	27	12	11	25	13	17	1	268
No. of pupils now attending obtained spectacles in this year ... ..	—	2	8	6	—	—	—	—	—	4	1	—	—	16	7	—	—	44
No. of pupils now attending ordered spectacles but not yet obtained ... ..	11	16	2	7	2	7	7	12	4	4	—	7	3	4	4	12	9	111
TOTAL ... ..	31	31	49	26	10	21	19	17	13	37	28	19	14	45	24	29	10	423
Spectacles on order or under repair	15	16	5	7	2	7	7	12	4	3	—	7	3	4	7	12	9	120
Number of pupils wearing spectacles on date of general inspection ... ..	14	15	33	13	8	14	11	3	8	24	22	8	10	32	13	14	1	243
Net number not wearing spectacles which were previously ordered ... ..	2	—	11	6	—	—	1	2	1	10	6	4	1	9	4	3	—	60

TABLE VI.—NUMBER OF PUPILS ORDERED SPECTACLES WHO BY USE OF SPECTACLES NOT GREATER IN STRENGTH THAN + - 6 D. CAN GET GOOD OR FAIR VISION.

	TOTAL	GRAND TOTAL.	Per Cent *
Good Vision :—			
(a) Normal vision in each eye 6/6 and 6/6 ... ..	24		
(b) Vision 6/6 and 6/9, or 6/9 and 6/9 ... ..	38	62	14·7
Fair Vision :—			
(a) Vision 6/6 and 6/12, or 6/9 and 6/12 or 6/12 and 6/12... ..	103		
(b) Vision 6/6 and 6/18... ..	12	105	24·8

\* The percentage is taken in relation to the number of all pupils ordered spectacles (*i.e.* 423). See Table V.

TABLE VII.—CONDITION OF CORNEA BEFORE TREATMENT.

SCHOOLS.	Both Corneæ clear.	One Cornea clear the other showing opacity.	Opacity of both Corneæ.
Tanta ... ..	633	52	11
Asyût ... ..	504	31	4
Mansûra ... ..	412	58	27
Beni Suef ... ..	452	70	25
Zagazig ... ..	361	36	8
Damanhûr ... ..	284	51	—
Shibîn el Kôm ... ..	141	18	15
Sohâg ... ..	205	24	9
Minya ... ..	283	32	5
Faiyûm ... ..	169	74	29
Gîza ... ..	245	24	13
Benha ... ..	310	31	40
Moharram Bey ... ..	338	12	2
Husseiniya ... ..	716	48	22
Muhammad Aly ... ..	598	54	33
Bas El Tin ... ..	752	34	13
Qena ... ..	184	23	31
TOTAL ... ..	6,592	672	287
Per cent ... ..	87·3	8·9	3·8





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